**Lesson:**  Name:

**OBJ:**

**Do Now:**

**Integer Exponents:**

**Properties of Exponents:**

Let *a* and *b* be nonzero real numbers. Let *m* and *n* be integers.

|  |  |  |
| --- | --- | --- |
| **Property** | **Definition** | **Example** |
| Negative Exponents |  |  |
| Zero Exponents |  |  |
| Product of Powers |  |  |
| Quotient of Powers |  |  |
| Power of a Power |  |  |
| Power of a Product |  |  |
| Power of a Quotient |  |  |